PRELIMINARY AMENDMENT
Continuation Application of
U.S. Appln. 09/482,615

REMARKS

Entry and consideration of this Amendment which adds claims 23-34 is respectfully requested. A Supplemental Preliminary Amendment will also be filed to provide any necessary changes to the specification.

Respectfully submitted,

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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

5. (Amended) A liquid crystal display device using a hologram, characterized in that a liquid crystal display element is provided on a back surface side thereof opposite to a display surface side thereof with a diffuse reflection type hologram itself capable of diffusing and reflecting light of selected wavelengths incident from a specific direction only in a direction defined as a viewing region, wherein said hologram has a different optical function with respect to different respective wavelengths.

9 (Amended). The liquid crystal display device using a hologram according to Claim 5 [or 6], characterized in that when a TN liquid crystal cell is used as the liquid crystal display element, the diffuse reflection type hologram enables light incident thereon from above and at an angle of about 20° with respect to a normal line thereof to be diffused and reflected within a range defined by an upward angle about 10°, a downward angle of about 40°, and breadth-wise angles of about 60°.

10 (Amended). The liquid crystal display device using a hologram according to Claim 5 [or 6], characterized in that when an STN liquid crystal cell is used as the liquid crystal display element, the diffuse reflection type hologram enables light incident thereon from above and at an

angle of about 20° with respect to a normal line thereof to be diffused and reflected within a range defined by an upward angle about 20°, a downward angle of about 30°, and breadth-wise angles of about 30°.

11 (Amended). The liquid crystal display device using a hologram according to Claim [1] 10, characterized in that a self-luminous type backlight unit is located on the back surface side of the diffuse reflection type hologram.

21 (Amended). The diffuse reflection type hologram replication process according to [any one of Claims] Claim 18 [to 20], characterized in that a combined index matching and lubricating liquid is contained between the diffuse reflection type hologram plate and the photosensitive material film.

22 (Amended). The diffuse reflection type hologram replication process according to [any one of Claims] Claim 18 [to 21], characterized in that the light beam of linear shape in section is a light beam that diverges in a linear direction thereof alone.

Claims 23-34 are added as new claims.